

02/04/02
10066631
PTO

Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 04770.00032

First Inventor Akseli Anttila

Title TUNE ALERTS FOR REMOTELY ADJUSTING A TUNER

Express Mail Label No. EL929162928US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 14]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages 2]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____ / _____
Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

22907

or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

| | | | | | |
|---------|------------------------|-----------|--------------|----------|--------------|
| Name | Bradley C. Wright | | | | |
| | Banner & Witcoff, Ltd. | | | | |
| Address | 1001 G. Street N.W. | | | | |
| | 11 th Floor | | | | |
| City | Washington | State | DC | Zip Code | 20001 |
| Country | USA | Telephone | 202.508.9100 | Fax | 202.508.9299 |

| | | | |
|-------------------|-------------------|-----------------------------------|-----------------------|
| Name (Print/Type) | Charles L. Miller | Registration No. (Attorney/Agent) | 43,805 |
| Signature | [Signature] | | Date February 4, 2002 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

Complete if Known

| | |
|----------------------|------------------|
| Application Number | |
| Filing Date | February 4, 2002 |
| First Named Inventor | Akseli Anttila |
| Examiner Name | |
| Group / Art Unit | |
| Attorney Docket No. | 04770.00032 |

TOTAL AMOUNT OF PAYMENT (\$) 1068**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number

19-0733

Deposit
Account
Name

Banner & Witcoff, Ltd.

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|-----------------|
| 101 | 740 | 201 | 370 | Utility filing fee | 740 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$ 740) |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|-----------------------|-----------------|-------------------|-------------|
| 22 | -20 ** | 2 | 36 |
| Independent Claims | 6 | -3 ** | 3 |
| Multiple Dependent | | | 0 |

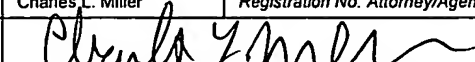
| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|------------------------------|-----------------------|----------------------|-----------------------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$ 288) | | | | |

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------------------|--------------------------------|--------------------------------|--------------------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40 |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | |
| SUBTOTAL (3) (\$ 40) | | | | | |

SUBMITTED BY**Complete (if applicable)**

| | | | | | |
|-------------------|---|----------------------------------|--------|-----------|------------------|
| Name (Print/Type) | Charles L. Miller | Registration No. Attorney/Agent) | 43,805 | Telephone | 312.715.1000 |
| Signature |  | | | Date | February 4, 2002 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

CERTIFICATE OF MAILING
(NEW PATENT APPLICATION)

Express Mail No. EL929162928US

Deposited: February 4, 2002

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner for Patents, Washington, DC 20231.

By: Tony Harris

Application of: Anttila et al.

Application No.: n/a

Filing Date: February 4, 2002

Title: Tune Alerts For Remotely Adjusting A Tuner

Transmitted herewith are the following documents:

- ☒ Utility Patent Application Transmittal (1 page) in duplicate
- ☒ Fee Transmittal (1 page) in duplicate
- ☒ Application Data Sheet (3 pages)
- ☒ Specification (14 pages)
- ☒ Formal Drawings (6 pages) Figs. 1-6
- ☒ Executed Declaration (2 pages)
- ☒ Recordation Form Cover Sheet (1 page) in duplicate
- ☒ Executed Assignment (2 pages)
- ☒ Return Postcard

Attorney Case No.: 04770.00032

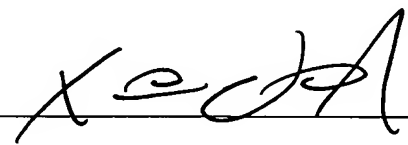
204020-12999001

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail No. EV306397230US

Date of Deposit: October 31, 2003

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office Address" under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner of Patents, Mailstop: Non-Fee Amendment, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

In the Application of: Akseli Anttila

Serial No.: 10/066,631

Filing Date: February 4, 2002

Title: Tune alerts for remotely adjusting a tuner

☐ Transmittal Form PTO/SB/21 (1 page) in duplicate

☐ Amendment in Response to an Office Action dated August 1, 2003 (6 pages)

☐ Return receipt postcard

Attorney Docket No.: 04770.00032

CERTIFICATE OF MAILING
(Attorney Docket No. 04770.00032)

Express Mail No. EV075510767US

Deposited May 2, 2002

I hereby certify that the attached correspondence, identified below, is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Washington, D.C. 20231.

By: 

Application of: Anttila, et al.
Serial No.: 10/066,631
Filing Date: February 4, 2002
Title: Tune Alerts for Remotely Adjusting a Tuner

RECEIVED

MAY 16 2002

Technology Center 2600

Transmitted herewith are the following documents:

- ☒ Transmittal Form
- ☒ Information Disclosure Statement
- ☒ Form 1449 with cited references
- ☒ Return Postcard

Attorney Case No.: 04770.00032